

# Greater Dublin **Drainage** **Project Addendum**

**Environmental Impact Assessment Report Addendum**

**Volume 3A Part A**

**Main Report for the Proposed Project**

## Greater Dublin Drainage Project Addendum

**Environmental Impact Assessment Report Addendum:  
Volume 3A Part A of 6**

**Volume 3A Part A Preface, Contents and Glossary of Terms**

**Uisce Éireann**

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### **Preface**

The structure of the Environmental Impact Assessment Report (EIAR) Addendum for the proposed Greater Dublin Drainage Project (the Proposed Project) is outlined in the preface at the start of each Volume of the EIAR for clarity. The Proposed Project comprises; a proposed orbital sewer route from Blanchardstown to the proposed Wastewater Treatment Plant (WwTP) at Clonsagh, the proposed outfall pipeline route (land based section) from the proposed WwTP to the R106 Coast Road, the proposed outfall pipeline route (marine section) from the R106 Coast Road to approximately 1km north-east of Ireland's Eye in the Irish Sea, and a site proposed for the Regional Biosolids Storage Facility (RBSF) at Newtown, Dublin 11.

Volume 1A and Volume 2A provide general information on the overall Proposed Project. Volume 3A addresses all proposed elements of the Proposed Project, with the exception of the RBSF element which is addressed in Volume 4A. Volume 5A provides drawings and large format images for the Proposed Project. The volumes and sub-section titles are summarised as follows:

#### **Volume 1A: Non-Technical Summary**

Volume 1A provides a non-technical summary of the information contained in Volumes 2A, 3A and 4A.

#### **Volume 2A: Introduction**

##### **Part A: Report**

Volume 2A Part A provides a general introduction, outlines the EIA process, describes the scope of the Proposed Project and presents the consideration of alternatives.

##### **Part B: Appendices**

Volume 2A Part B supplies data that is supplemental to the information in Volume 2A Part A.

#### **Volume 3A: Proposed GDD Project**

##### **Part A: Report**

Volume 3A Part A describes the environmental impacts specific to the Proposed Project.

##### **Part B: Appendices**

Volume 3A Part B supplies data that is supplemental to the information in Volume 3A Part A.

#### **Volume 4A: Regional Biosolids Storage Facility**

##### **Part A: Report**

Volume 4A Part A describes the environmental impacts specific to the RBSF component of the Proposed Project.

##### **Part B: Appendices**

Volume 4A Part B supplies data that is supplemental to the information in Volume 4A Part A and is specific to the RBSF.

#### **Volume 5A: Drawings**

Volume 5A illustrates the information detailed in Volume 2A and Volume 3A.

#### **Volume 6A: Proposed Project Photomontages**

Volume 6A contains the addendum photomontages for the Proposed Project.

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## Glossary of Terms

Acronym	Description
µg/m <sup>3</sup>	microgram per metre cubed
AADT	Annual Average Daily Traffic
AAP	Areas of Archaeological Potential
AAU	Agricultural Area Utilised
ABP	An Bord Pleanála
AH	Archaeological Heritage
AQS	Air Quality Standards
BAP	Biodiversity Acton Plan
BOCCI	Birds of Conservation Concern in Ireland
BOD	Biochemical Oxygen Demand
BSL	Benthic Solutions Limited
BTO	British Trust for Ornithology
C&D	Construction & Demolition
CAFE	Cleaner Air for Europe
CBR	California Bearing Ratio
CCHP	Combined Cooling, Heat and Power
CCTV	Closed-Circuit Television
CDP	County Development Plan
CEMP	Construction Environmental Management Plan
cfu	colony forming units
CHP	Combined Heat and Power
CIEEM	Chartered Institute of Ecology and Environmental Management
CO	Carbon monoxide
COLI	<i>Escherichia coli</i>
COMAH	Control of Major Accident Hazards Involving Dangerous Substances
CSM	Conceptual Site Model
CSO	Central Statistics Office
cSPA	Candidate Special Protection Area
DAA	Dublin Airport Authority
DART	Dublin Area Rapid Transit
DAU	Development Applications Unit
DCC	Dublin City Council
DCCAE	Department of Communications, Climate Action and Environment
DCDP	Dublin City Development Plan 2022 - 2028
DEHLG	Department of the Environment, Heritage and Local Government
DHLGH	Department of Housing, Local Government and Heritage
DHPLG	Department of Housing, Planning and Local Government
DIN	Dissolved Organic Nitrogen
DMURS	Design Manual for Urban Roads and Streets
DOS	Degree of Saturation
EBZ	Ecological Buffer Zone
EC	European Commission
EcCoW	Ecological Clerk of Works
EclA	Ecological Impact Assessment
<i>E. coli</i>	<i>Escherichia coli</i>
ED	Electoral Division
EIA	Environmental Impact Assessment

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Acronym	Description
EIAR	Environmental Impact Assessment Report
EIS	Environmental Impact Statement
EMR	Eastern Midlands Region
EMRA	Eastern and Midlands Regional Summery
EMRWMP	Eastern-Midlands Region Waste Management Plan 2015 – 2021
EMS	Environmental Management System
EMWRO	Eastern Midlands Waste Regional Office
EPA	Environmental Protection Agency
ESBN	Electricity Supply Board Network
EU	European Union
EUPHA	European Public Health Association
FCC	Fingal County Council
FDP	Fingal Development Plan 2023-2029
FFT	Flow to Full Treatment Conditions
FRA	Flood Risk Assessment
GDA	Greater Dublin Area
GDATS	Greater Dublin Area Transport Strategy 2022-2042
GDD	Greater Dublin Drainage
GDPR	General Data Protection Regulation
GFA	Gross Floor Area
GHG	Greenhouse Gases
GIS	Geographical Information System
GLC	Ground Level Concentration
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GNI	Gas Networks Ireland
GPS	Global Positioning System
GSI	Geological Survey of Ireland
HGV	Heavy Goods Vehicle
HSA	Health and Safety Authority
HV	Heavy Vehicles
IAIA	International Association for Impact Assessment
IAPS	Invasive Alien Plant Species
IAQM	Institute of Air Quality Management
IE	Intestinal Enterococci
IEMA	Institute of Environmental Management and Assessment
IFI	Inland Fisheries Ireland
IGI	Institute of Geologists of Ireland
ind/km <sup>2</sup>	individuals per kilometre squared
IPH	Institute of Public Health
ISMP	Invasive Species Management Plan
ISO	International Organization for Standardization
IWDG	Irish Whale and Dolphin Group
KCl	Potassium Chloride
kg N ha <sup>-1</sup> year <sup>-1</sup>	kilograms of nitrogen per hectare per year
km	kilometre
km <sup>2</sup>	square kilometre
LAP	Local Area Plan
LGV	Light Goods Vehicle
LV	Light Vehicles

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Acronym	Description
LVIA	Landscape and Visual Impact Assessment
m	metre
m/s	metres per second
m <sup>3</sup> /s	metres cubed per second
MANDs	Major Accidents and / or Disasters
mBGL	metres Below Ground Level
MCC	Motor Control Centre
mg/l	milligrams per litre
ml	millilitre
mm	millimetre
mOD	metres Above Ordnance Datum
mpn/100ml	most probably number of colony forming units (cfu) per 100 millilitres
MRP	Molybdate Reactive Phosphorus
NAC	National Aquatic Centre
NBDC	National Biodiversity Data Centre
NCT	National Car Test
NDA	Nature Development Area
NFS	North Fringe Sewer
NIAH	National Inventory of Architectural Heritage
NIS	Natura Impact Statement
NMI	National Museum of Ireland
NNL	No Net Loss
NO	Nitric oxide
NO <sub>2</sub>	Nitrogen Dioxide
NPWS	National Parks and Wildlife Service
NR	Not Reported
NRA	National Roads Authority
NS	Not Specified
NSC	National Sports Campus
NSR	Noise Sensitive Receptor
NTA	National Transport Authority
OCU	Odour Control Unit
OPW	Office of Public Works
PAH	Polycyclic aromatic hydrocarbon
PBRA	Preliminary Bat Roost Assessment
PCU	Passenger Car Unit
PM	Particulate Matter
pNHA	Proposed Natural Heritage Area
PO	Preservation Order
PRA	Property Registration Authority
PRF	Potential Roost Feature
psu	practical salinity unit
QI	Qualifying Interest
RBMP	River Basin Management Plan
RBSF	Regional Biosolids Storage Facility
RFC	Ratio of Flow to Capacity Value
RHS	Right Hand Side
RMP	Record of Monuments and Places
RPS	Record of Protected Structures

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Acronym	Description
RSES	Regional Spatial and Economic Strategy
RWMPO	Regional Waste Management Planning Offices
SAC	Special Area of Conservation
SCI	Special Conservation Interest
SEA	Strategic Environmental Assessment
S.I.	Statutory Instrument
SI	Site Investigation
SO <sub>2</sub>	Sulfur Dioxide
SPA	Special Protected Area
SRF	Soil Recovery Facility
TBM	Tunnel Boring Machine
TEN-T	Trans European Transport Network
TII	Transport Infrastructure Ireland
TRL	Transport Research Laboratory
U <sub>E</sub> /m <sup>3</sup>	European Odour Unit per cubic metre
UK	United Kingdom
UNECE	United Nations Economic Commission for Europe
UNESCO	United Nations Educational, Scientific and Cultural Organization
UV	Ultraviolet
UWWTD	Urban Waste Water Treatment Directive
VP	Vantage Point
WEEE	Waste Electrical and Electronic Equipment
WFD	Water Framework Directive
WHO	World Health Organisation
WTP	Water Treatment Plant
WwTP	Wastewater Treatment Plant